

Adventures in Aeronautics			
2006 Science			
Core Content for Assessment			
Kentucky Science			
Grades K-3			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	KY	SCI.K-3.SC-EP-1.2.3.a	The position and motion of objects can be changed by pushing or pulling, and can be explored in a variety of ways (such as rolling different objects down different ramps). The amount of change in position and motion is related to the strength of the push or pull (force). The force with which a ball is hit illustrates this principle. By examining cause and effect relationships related to forces and motions, consequences of change can be predicted. DOK 2
Adventures in Aeronautics			
2006 Science			
Core Content for Assessment			
Kentucky Science			
Grade 4			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	KY	SCI.4.SC-04-1.2.2.a	The position and motion of objects can be changed by pushing or pulling. The amount of change is related to the force (defined as the strength of the push or pull) and the mass of the object(s) used. The force with which a ball is hit illustrates this principle. Cause and effect relationships, along with predicted consequences related to the strength of pushes and pulls (force) on an object's position and motion should be explored and qualitatively compared.
Adventures in Aeronautics			
2006 Science			
Core Content for Assessment			
Kentucky Science			
Grade 5			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	KY	SCI.5.SC-05-1.2.2	Students will understand that forces are pushes and pulls, and that these pushes and pulls may be invisible (e.g., gravity, magnetism) or visible (e.g., friction, collisions).